

**REMARKS**

Applicants respectfully request reconsideration of this application as amended.

By this amendment to claims have generally been amended to provide clear antecedent basis. Furthermore, new claims 16-18 have been added to protect more specific features of the invention. In addition, the various rejections under 35 U.S.C. § 101 and 112 have been addressed and are believed to be moot in view of the above amendments.

Independent claims 1-3 recite that the vital sign is arranged in time series that allows to provide history of the vital sign. Independent claim 5 recites that the display is executed by moving a display object in the direction to draw a circular shape according to time series of the vital sign. Independent claims 10 and 11 recite that the vital sign is arranged in time series that illustrates a history of the vital sign. Independent claim 12 recites that the display is executed by moving a display object in the direction of following a circular shape according to time series of the vital signal. Claim 14 recites that the vital sign is arranged in time series that illustrates a history of the vital sign. Claim 15 recites that the display is executed by moving a display object in the direction of following a circular shape according to time series of the vital sign. Independent claim 16 recites that the display system is adapted to display in a historical time series a status of the vital sign based on the biological signal, the vital sign indicating whether the condition is abnormal. Independent claim 17 recites that the vital sign object indicates whether a body condition represented by the biological signal is abnormal, and is arranged in a historical time series.

In contradistinction, in Weisner, historical information is not provided. Specifically, in column 5, lines 25 – 43, Weisner makes it abundantly clear that "The waveform 68 is a *real time* copy of a waveform from the corresponding bedside monitor... A parameter area 72 at the right side of each sector displays *real time* physiological parameters, indicates the parameter alarm state and the validity of the physiological data." (emphasis added) Weisner makes absolutely no teaching or suggestion of providing historical information as claimed. Moreover, there is no suggestion whatsoever in Weissman of using any type of specific shape to illustrate a time series of the vital sign.

In that JP 07- 313478 fails to even determine whether the biological signal is abnormal, JP 07- 313478 cannot disclose the specific displaying and historical information as claimed.

In that the references, taking either alone or in combination, fail to teach or suggest each and every feature of the independent claims, the claims are patentably distinguishable therefrom. Moreover, the claims that depend therefrom are allowable by virtue of their dependency and the additional feature(s) recited therein.

A Notice of Allowance is thus respectfully requested.

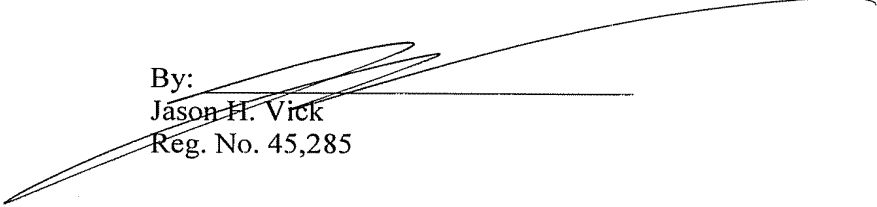
Should the Examiner believe that any further action is necessary to place this application in better form for allowance, the Examiner is invited to contact Applicants' representative at the telephone number listed below.

The Commissioner is hereby authorized to charge to Deposit Account No. 19-1970 (5553KOU2-1) any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is

required in connection with the filing of this paper and has not been separately requested,  
such extension is hereby petitioned.

Respectfully submitted,

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